

6472585

1 GTGAAGGGAG CCGGATCAG CCAGGGGCCA GCATGAGCCG GAGGGAGGA AGTCTGGAAG ACCCCAGAC TGATTCCTCA GTCTACTTC TTCCCCACTT
CACTTCCCTC GGCCCTAGTC GGTCCCGGT CGTACTCGGC CTCCCTCCCT TCAGACCTTC TGGGGTCTG ACTAAGGAGT CAGAGTGAAG AAGGGGTGAA
M S R R E G S L E D P Q T D S S V S L L P H L
^met

101 GGAGGCCAAG ATCCGTGAGA CACACAGCCT TGCGCACCTC CTCACCAAAT ACCTGAGCA GCTGCTCCAG GAATATGTC AGTCCAGGG AGACCCCTTC
CCTCCGGTTC TAGGCAGTCT GTGTGTGGA ACGGTGAG GAGTGGTTA TGCAGCTCGT CGACGAGGTC CTTATACACG TCGAGTCCC TCTGGGGAAG
24 E A K I R Q T H S L A H L L T K Y A E Q L L Q E Y V Q L Q G D P F

201 GGGTGCCCA GCTTCTCGCC GCGCGGGCTG CCGTGGCCG GCCTGAGCG CCGGCTCCG AGCCACGGG GGCTGCCAGT GCACGAGCG CTGGGGCTGG
CCGACGGGT CGAAGAGCG GCGCGCCGAC GCGACCCGGC CGGACTCGG GCGCCGAGG TCCTGCGCC CCGACGGTCA CGTCTCGCC GACGCCGACC
57 G L P S F S P P R L P V A G L S A P A P S H A G L P V H E R L R L D

301 ACGGCGCGC GCTGGCCGCG CTGCCCCCGC TGCTGGACG AGTGTGCG CGCCAGGCG AGCTGAACC GCGCGGCGG CGCTGCTGC GCCGCTGGA
TGGCGCGCG CGACCGGCG GACGGGGCG ACACCTGCG TCACACAGG GCGTCCGGC TCGACTTGG CCGCGCGGC CCGGACGACG CGGCGGACCT
91 A A A L A A L P P L L D A V C R R Q A E L N P R A P R L L R L E

401 GGACGCGCG CGCCAGGCC GGGCCCTGG GCGCCCGCTG GAGGCTTG TGGCGCGCT GGGCGCGCC AACCGGGG CCGGGCGCA GCGCGCGCG
CCTGCGCGC GCGTCCGG CCGGGGACC CCGGGGACC CCGGGGACC CCGGGGACC TGGCGCGCG TGGCGCGCG GCGCGCGCG CCGGGGCGG
124 D A A R Q A R A L G A A V E A L L A A L G A A N R G P R A E P P A

501 GGCACCGCT CAGCCGCTC CGCCACCGG GTCTTCCCG CCAAGGTGCT GGGGCTCCG GTTTGCGGC TCTACCGCG GTGGCTGAG CGCACCGAG
CGTGGCGGA GTCGGCGGAG GCGGTGGCC CAGAAGGGG GGTTCACGA CCGCGAGCG CAAACCGCG AGATGGCGT CACCGACTCG GCGTGGCTCC
157 A T A S A A S A T G V F P A K V L G L R V C G L Y R E W L S R T E G

601 GGCACCTGG CCAGCTGCT CCGGGGGCT CCGCTGAGC GCGCGGGG AGCTGCGCC GCCTCTCCC GCCTGCTCC GTCTCTCTT CCGCTTCTT
CGCTGGACC GGTGACGAC GGGCCCCCGA GCGGACTCG CCGCGCCCC TCGAGCGGG CCGAGGAGG CGACCCAAG CAGAGAGGA GGCGAAGAA
191 D L G Q L L P G S A O (SEQ ID NO:3)

701 GTCTTCTCT GCGCTGCT GTGTCTGTCT GTCTGCTCT AGCTGTCTC ATTGCTCG CTTCTTTTC TTTTGTGG GGAGAGGGA GGGGACGGG
CAGAAGAGA CCGGACAGC CACAGACAGA CAGACGAGAA TCGACAGAG TAACGGAGCC GGAAGAAAC AAAACACCC CCTCTCCCC CCGCTGCCCC

801 AGGTCTCTG TCGCCAGGC TGGGTGCG TGGCGGATC CCAGCACTG AGCTCAACC TCCTGGGCTC AAGCATCTC TCCGCTCAG CTTCCCCAGC
TCCAGAGAC AGCGGTCCG ACCCCAGTC ACCCGCTAG GGTGCTGACG TCGAGTTGG AGGACCCGAG TTCGGTAGGA AGCGGAGTC GAAGGGGTG

FIG. 1A

901 AGCTGGGACT ACAGGCACGC GCCACCACAG CCGGCTAATT TTTTATTATA TTTTGTAG AGACGAGGTT TCGCCATGTT GCCCAGGCTG GTCTTGAAC
 TCGACCCCTGA TGTCCGTGCG CGGTGGTGTG GCGCGATTAA AAAATAAATT AAAAACATC TCTGCTCCAA AGCGGTACAA CCGGTCCGAC CAGAACCTGA
 1001 CCGGGGCTCA AGCGATCCTC CCGCTTCAGC CTCCTTAAGT GCTGGGATTG CAGGCGTGAG CCACCTTCCC AGCCTCTCTT TGCTTTGCCCT GCCCCGTTCT
 GGGCCCGAGT TCGCTAGGAG GCGGAAGTCG GAGGGATTCA CGACCCCTAAC GTCCGCACTC GGTGAAAGGG TCGGAGAGAA ACGAAACGGA CCGGGCAAGA
 ^58125.tm.fl ^58125.tm.pl
 1101 CTTAACTCTT GGACCCCTCCT CGTCTGCATG GTAACCTCCGT CTGAGTCTAC CATTTTCTTG CTCTCCCTCC TTCCTTGGGC CTGCCCTCAGT TCCCTTTGGC
 GAATTGAGAA CTTGGGAGGA GCAGACGTAC CATTGAGGCA GACTCAGATG GTAAAGAAG GAGAGGGAGG AAGGAACCCG GACGGAGTCA AGGGAACCCG
 ^58125.tm.r1
 1201 CTCGCCCTTT ACCAGCTCT TGGGTGTCT CTGTTTTTTC CATCCOACAT TCCTGCCTTC TCGTGGCCCT GTGTGAGCAC ATGTGTACAT CTCAGCCTTA
 GAGGGGAAA TGGGTGAGA ACCCCACAGA GACAAAAAAG GTAGGGGTGA AGGACGGAAG AGCACCAGGA CACACTCGTG TACACATGTA GAGTCGGAAT
 1301 TCTCAAGGAG GTGACACCTT CTCTCCTTGT CCCCATCTGG CCGTCTCTCT GTGCTTCCCT GGCCAGGGGC GTGCCCTGCTG GTCCATATGG GGAAGGCTA
 AGAGTTCCTC CACTGTGGAA GAGAGGAACA GGGGTAGACC GGCAGAGAGA CACGAAGGGA CCGGTCCCCG CACGGACGAC CAGGATACCC CCTTCCGAT
 1401 CTCGGCATCT CAGCCACCTT CCTCAGGCTC ACTCCACCTA CATCCCCAGT CTGCCACACC CCATCCCTTT GGGCCTCAGC CCTGTCCCTT TGATGTCTTC
 GAGGCGTAGA GTCGGTGGAA GGAGTCCGAG TGAGGTGGAT GTAGGGGTCA GACGGTGTGG GTAGGGA AAA CCGGAGTCG GGACAGGGA ACTACAGGAG
 1501 CTTTCTTCA GCGCCCTCTGC CCTGTCCCTG CACACCTCC (SEQ ID NO:1)
 GAAAGGAAGT CCGGGAGACG GGACAGGGAC GTGTGGAGG (SEQ ID NO:2)

FIG. 1B

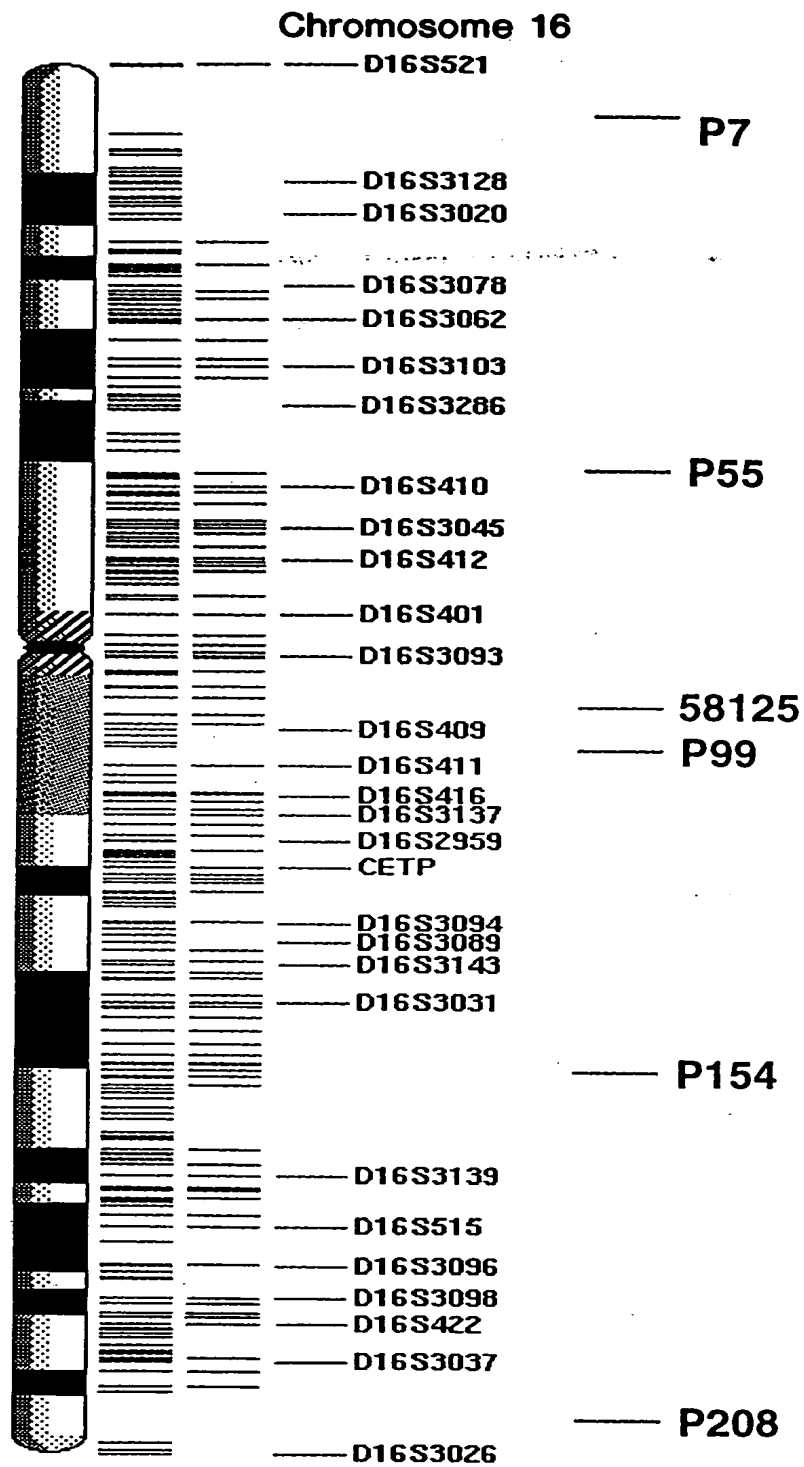
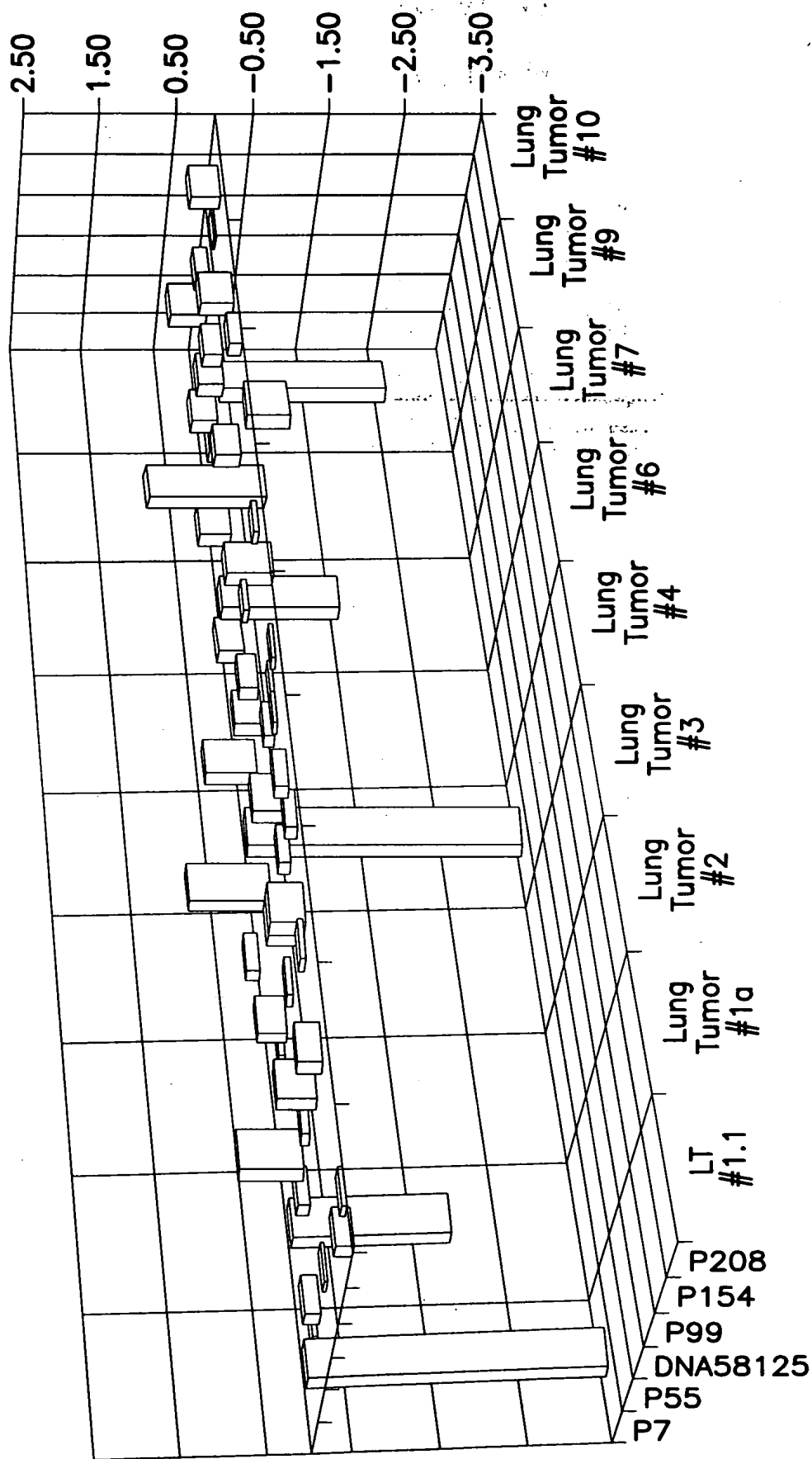
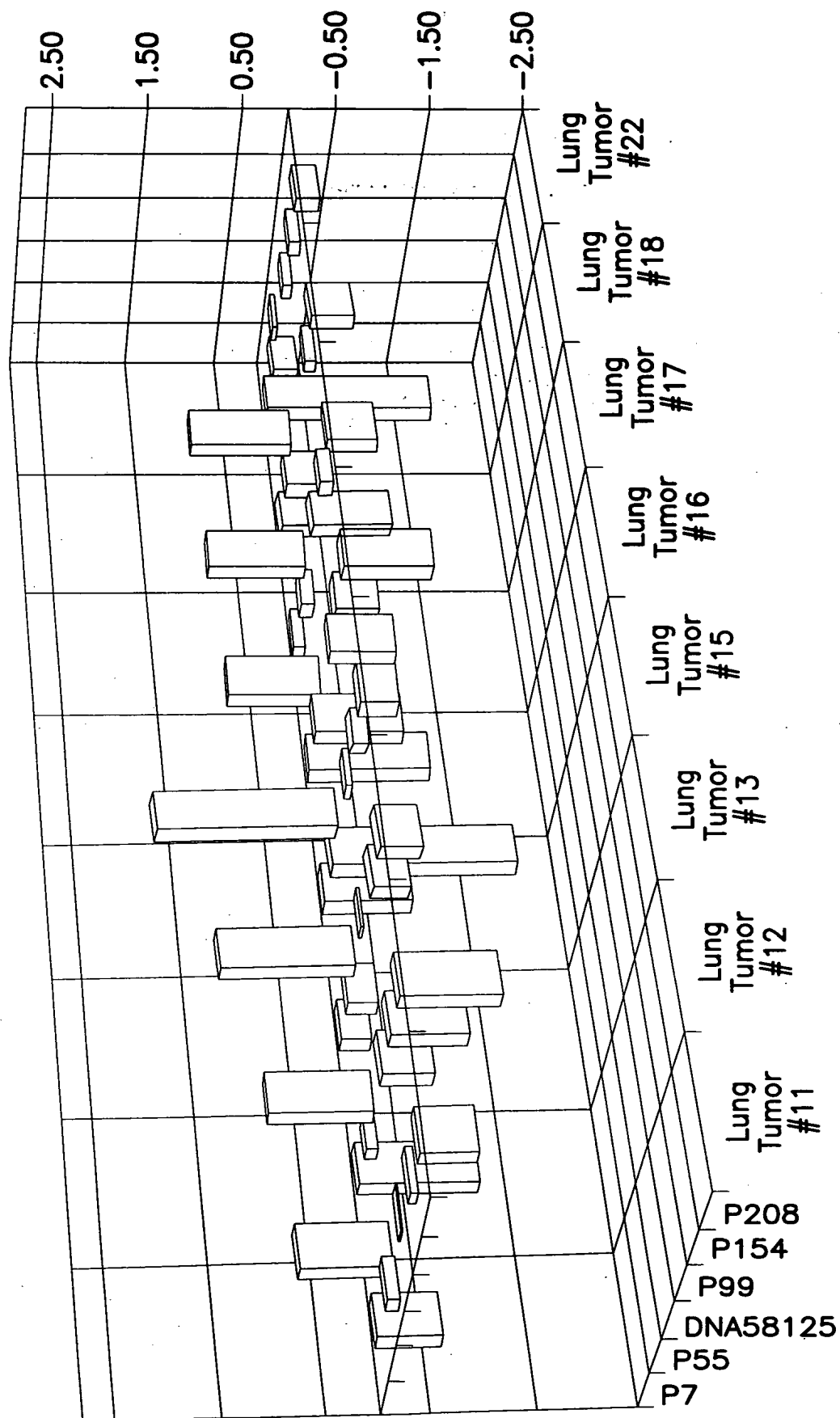


FIG. 2



Framework Analysis of DNA58125 Cardiophin-1
 on Lung Tumor Panel 1

FIG. 3



Framework Analysis of DNA58125 Cardiotrophin-1
 on Lung Tumor Panel 2

FIG. 4

DNA 58125 (CT-1)
on Lung Tumor Panels 1&2

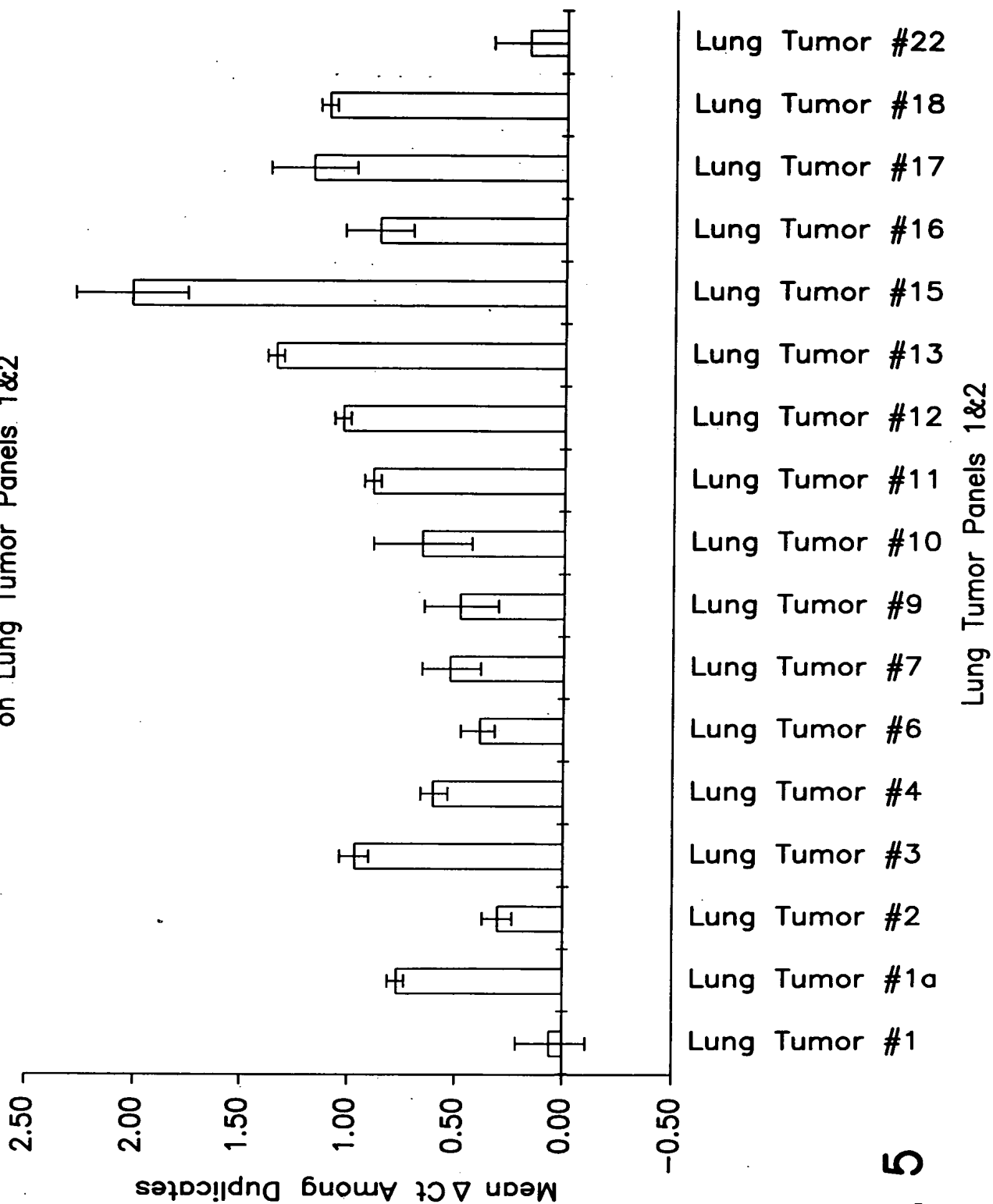
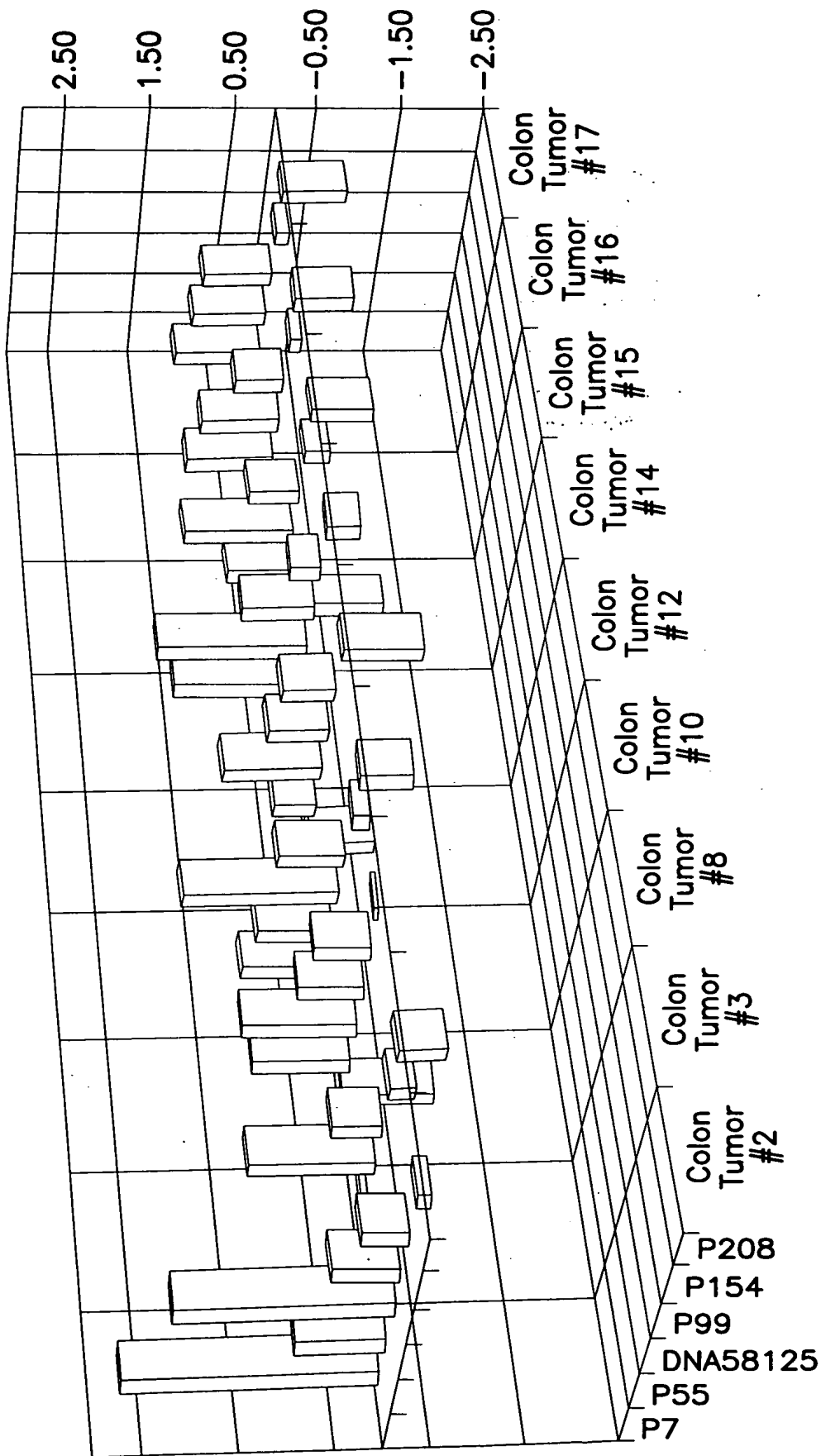


FIG. 5



Framework Analysis of DNA58125 Cardiograph-1
 on Colon Tumor Panel #1

FIG. 6

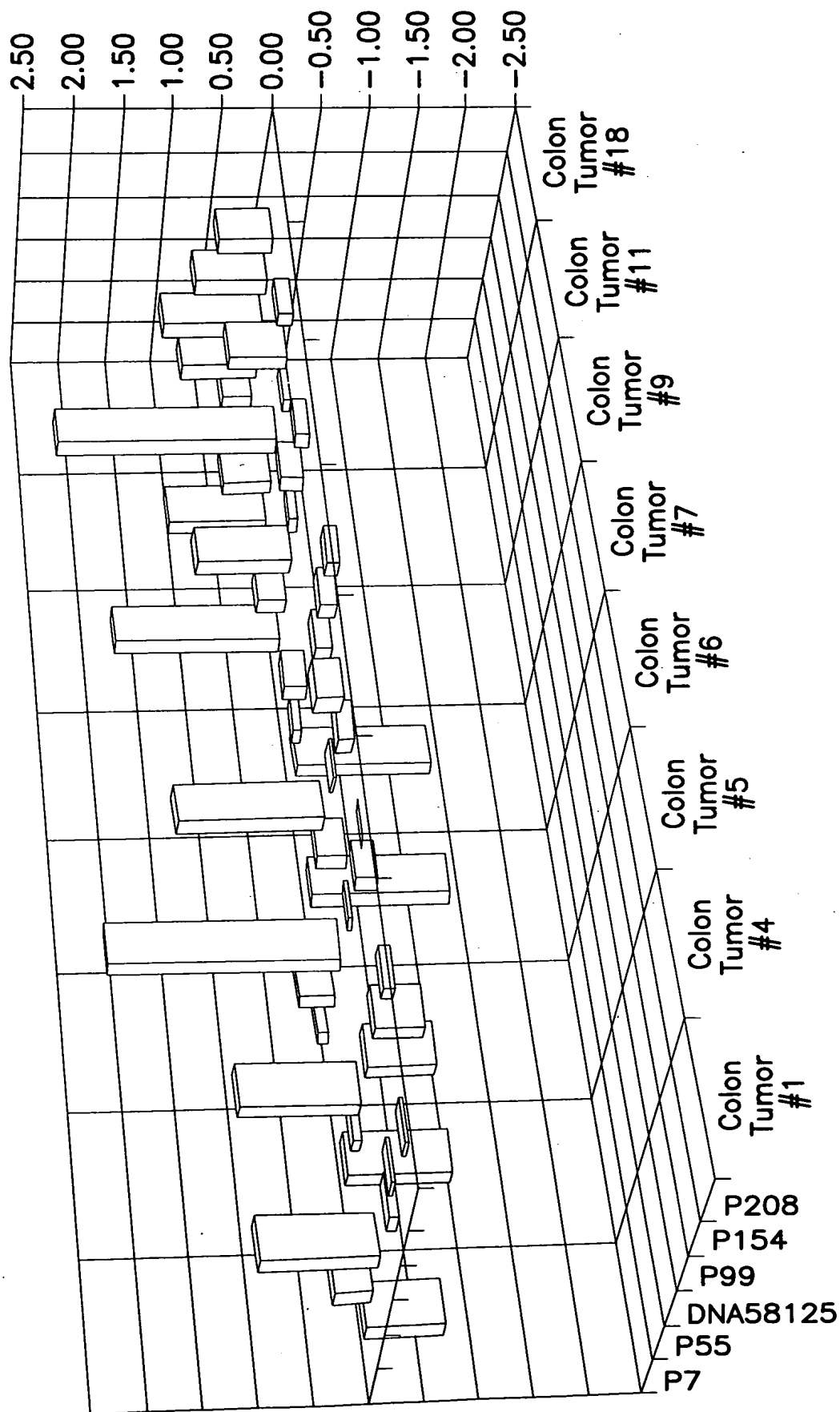
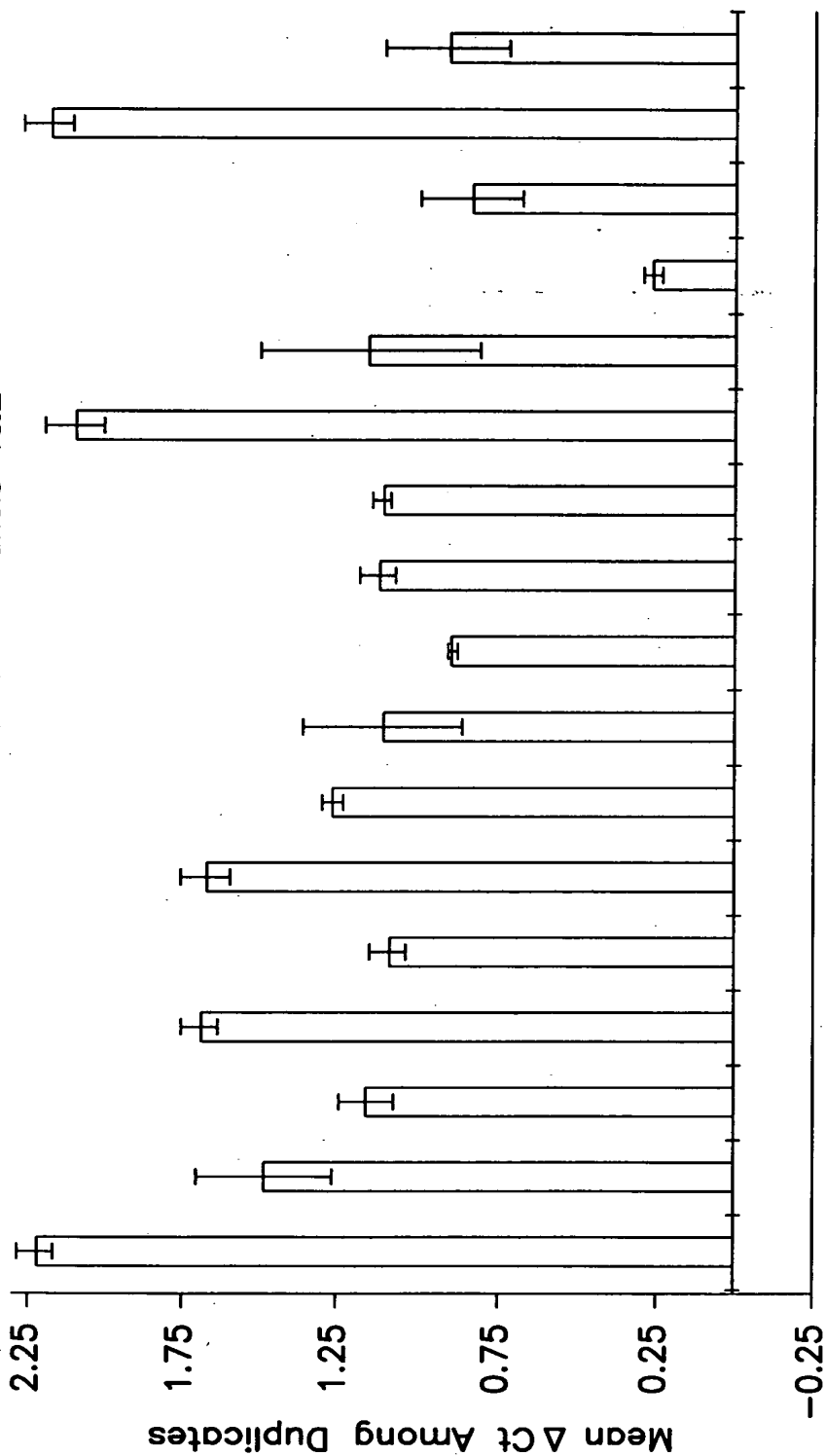


FIG. 7

Framework Analysis of DNA58125 Cardiotrophin-1
 on Colon Tumor Panel 2

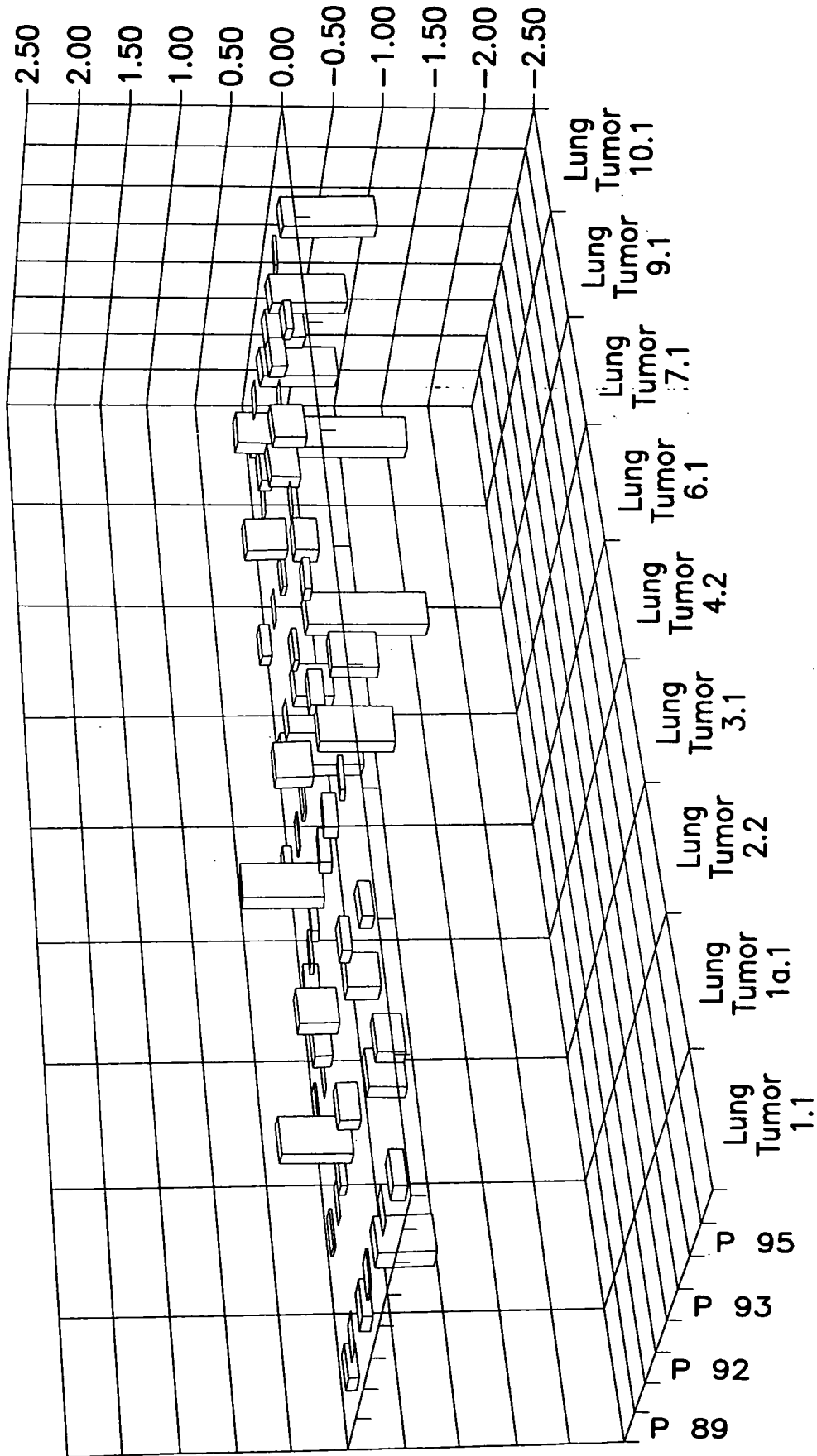
DNA 58125 (CT-1)
 on Colon Tumor Panels 1&2



Colon Tumor #18
 Colon Tumor #11
 Colon Tumor #9
 Colon Tumor #7
 Colon Tumor #6
 Colon Tumor #5
 Colon Tumor #4
 Colon Tumor #1
 Colon Tumor #17
 Colon Tumor #16
 Colon Tumor #15
 Colon Tumor #14
 Colon Tumor #12
 Colon Tumor #10
 Colon Tumor #8
 Colon Tumor #3
 Colon Tumor #2

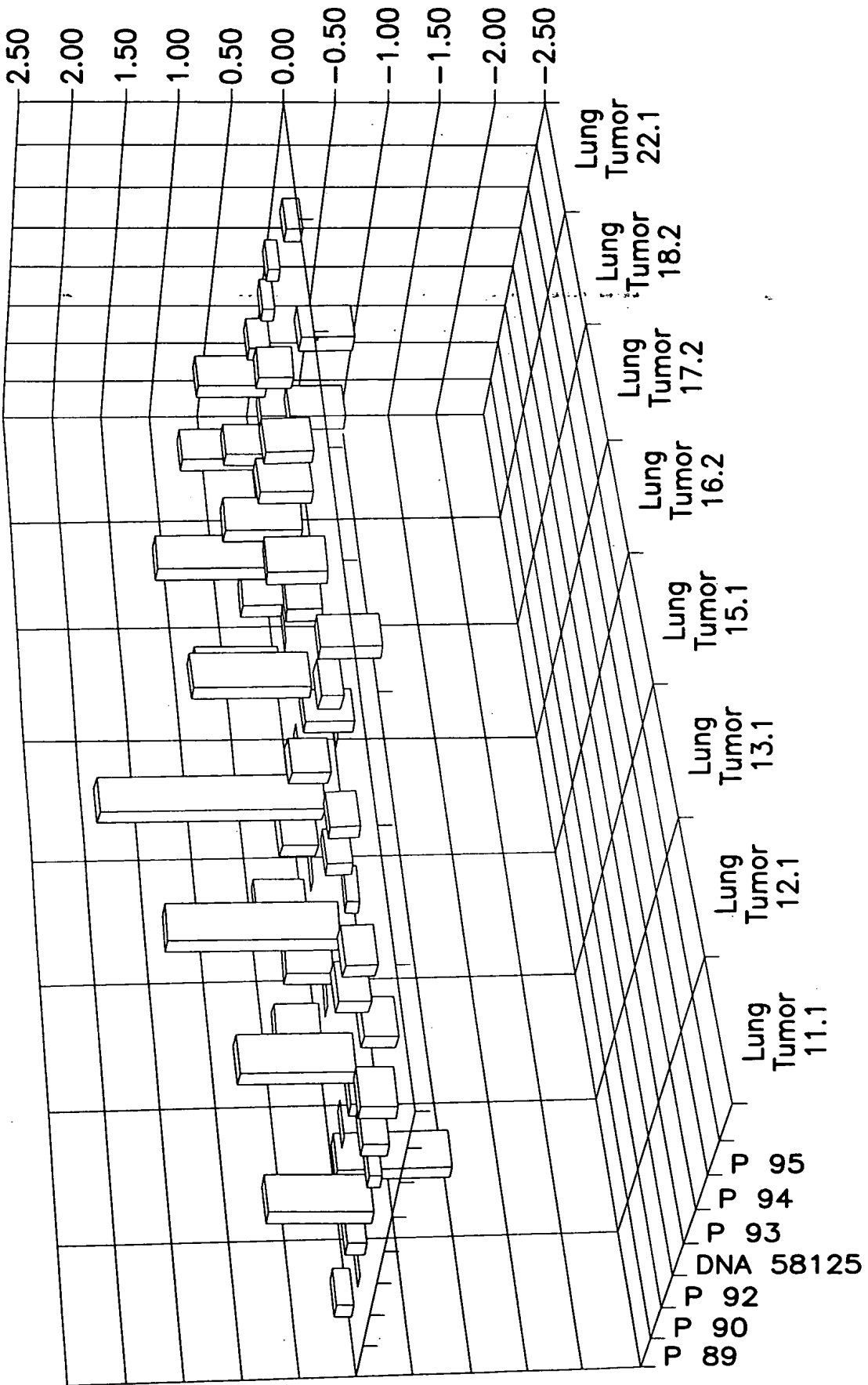
Colon Tumor Panels 1&2

FIG. 8



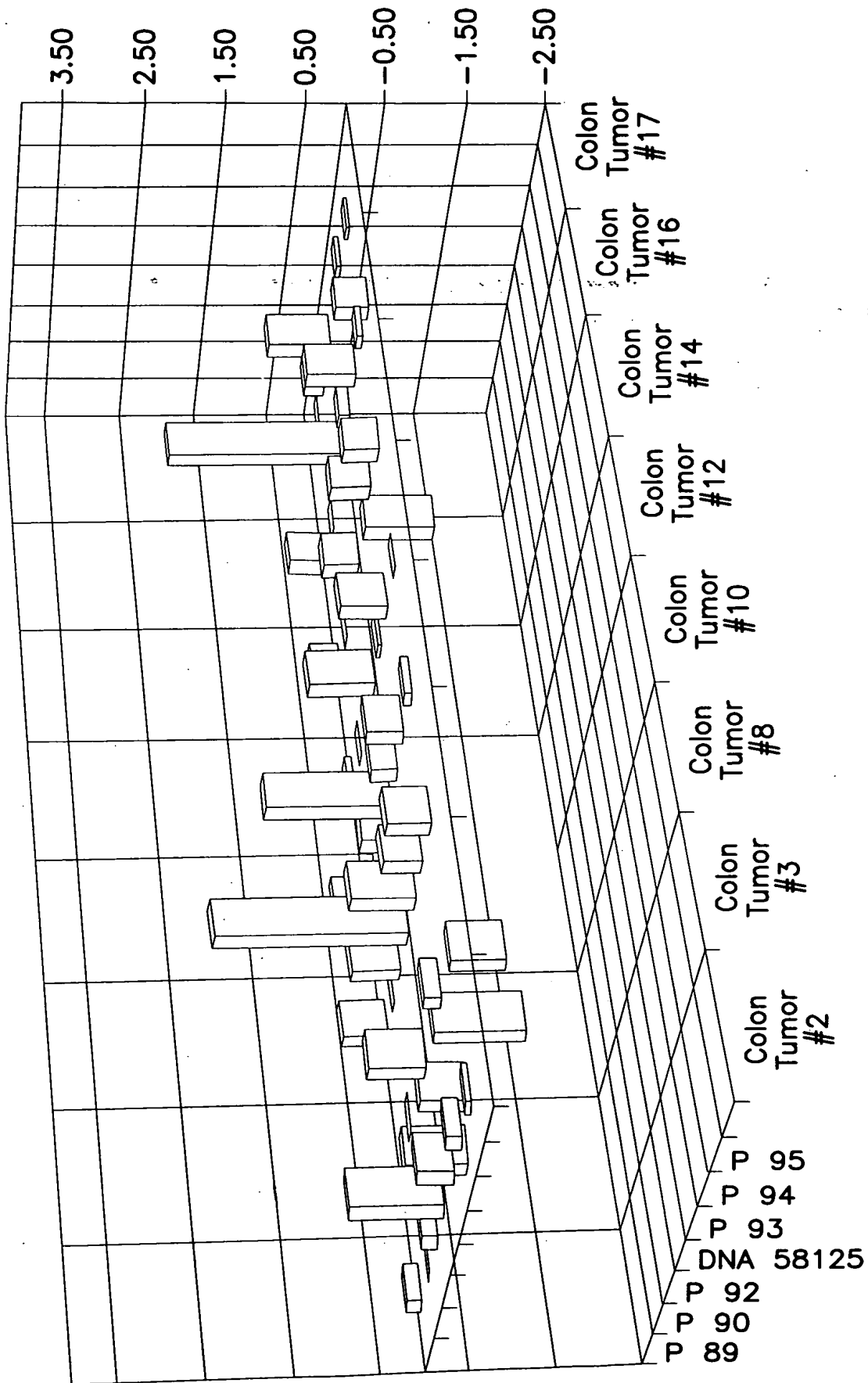
Lung Tumor Panel #1
 Epicenter for Chromosome #16

FIG. 9



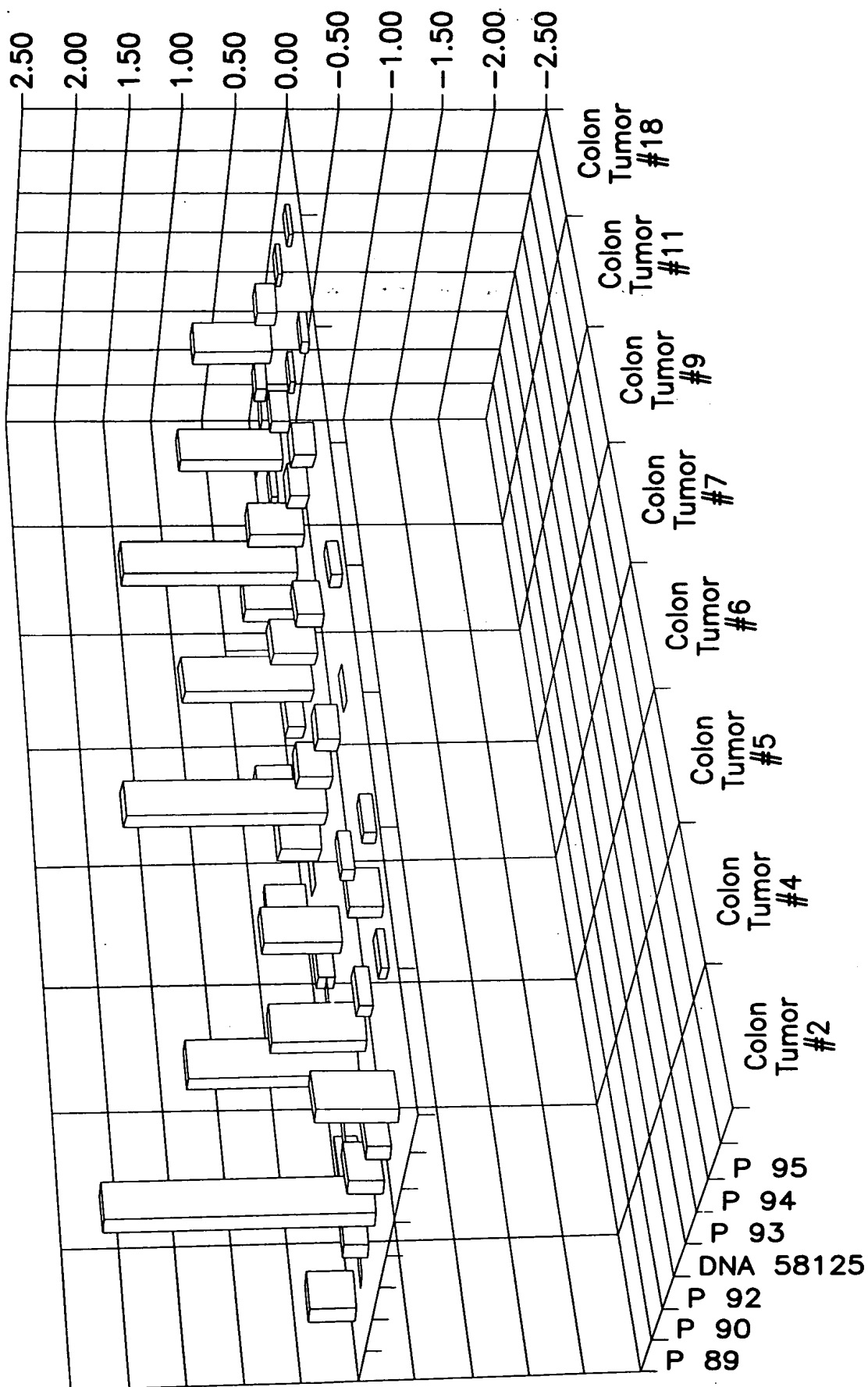
Lung Tumor Panel #2
 Epicenter for Chromosome #16

FIG. 10



Colon Tumor Panel #1
 Epicenter for Chromosome #16

FIG. 11



Colon Tumor Panel #2
 Epicenter for Chromosome #16

FIG. 12